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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

SEPTEMBER 1988

EMPLOYMENT LEVELS INCREASE SLIGHTLY

Nonagricultural employment levels experienced a slight increase during the month. Massachusetts added 4,600 wage and salary jobs following the annual summer downturn. Total employment for the Commonwealth for September 1988 was 3,129,300, 2.3 percent higher than in September 1987.

- Educational services, both public and private, displayed the largest increases as the seasonal reopening of schools and colleges got underway. Over the month increases were also seen in transportation,communication and public utilities (3,400 jobs).

- Declines were seen in construction (-2,400 jobs), trade (-3,500 jobs), and finance, insurance, and real estate (-3,000 jobs)

- Manufacturing was up by 300 jobs as a decline of 500 jobs in durable goods was more than offset by gains in the nondurable goods producing industries. The majority of this job growth was in textiles and rubber and plastics.

The Commonwealth's economic growth during the past year has resulted in the creation of 69,300 new jobs, an increase of 2.3 percent.

- Construction had the strongest growth rate at 10.1 percent. The second most rapidly growing division was services with a 4.9 percent growth rate. In addition, services led the way in the number of new jobs created, 41,600, -over half of the total number of new jobs created. Also displaying strong growth was finance, insurance, and real estate, up 4.4 percent from year ago levels.

- Moderate growth was observed in wholesale and retail trade (1.8 percent), government (0.9 percent) and transportation, communication, and public utilities (0.4 percent).

- Manufacturing was the only division to experience an employment decline over the year. An employment decline of 2.4 percent was due mainly to a drop in the durable goods producing industries. However with the fall in the value of the dollar's exchange rate, demand may increase for products from these industries where exports compose a large proportion of sales.

UNEMPLOYMENT RATE DROPS

Seasonally adjusted unemployment in the Commonwealth was 3.0 percent in September 1988, an improvement from August's rate of 3.3 percent. With a small decline taking place in the size of the labor force, due in part to students leaving summer

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3129.3	3124.7	3060.0	4.6	0.1	69.3	2.3
Manufacturing	579.1	578.8	593.5	0.3	0.1	-14.4	-2.4
Durable Goods	383.7	384.2	393.7	-0.5	-0.1	-10.0	-2.5
Lumber & Furniture	13.5	13.6	13.7	-0.1	-0.7	-0.2	-1.5
Stone,Clay & Glass	11.0	10.9	10.7	0.1	0.9	0.3	2.8
Primary Metals	15.8	15.7	15.3	0.1	0.6	0.5	3.3
Fabricated Metals	40.1	39.8	41.1	0.3	0.8	-1.0	-2.4
Cutlery,Hand tools,Hardware	8.4	8.3	8.7	0.1	1.2	-0.3	-3.4
Machinery, except electrical	100.1	100.5	102.1	-0.4	-0.4	-2.0	-2.0
Metalworking machinery	12.7	12.6	12.8	0.1	0.8	-0.1	-0.8
Special industry machinery	10.7	10.7	11.2	0.0	****	-0.5	-4.5
* Office Computing, & Accounting Machines	57.0	57.4	56.4	-0.4	-0.7	0.6	1.1
Electrical & Electronic machinery,equip.,etc.	101.1	101.5	104.7	-0.4	-0.4	-3.6	-3.4
Communications equipment	39.2	39.6	40.5	-0.4	-1.0	-1.3	-3.2
Electronic components	41.8	41.9	42.3	-0.1	-0.2	-0.5	-1.2
Transportation equipment	31.3	31.4	33.4	-0.1	-0.3	-2.1	-6.3
Instruments	52.2	52.3	53.5	-0.1	-0.2	-1.3	-2.4
Measuring & Control devices	17.4	17.6	18.6	-0.2	-1.1	-1.2	-6.5
Miscellaneous Manufacturing Industries	18.6	18.5	19.2	0.1	0.5	-0.6	-3.1
Jewelry	6.9	6.9	7.4	0.0	****	-0.5	-6.8
Nondurable Goods	195.4	194.6	199.8	0.8	0.4	-4.4	-2.2
Food & kindred products	19.8	19.8	21.2	0.0	****	-1.4	-6.6
Textile mill products	16.0	15.7	16.9	0.3	1.9	-0.9	-5.3
Apparel	23.3	23.4	25.6	-0.1	-0.4	-2.3	-9.0
Mens & Boys suits,coats & furnishings	6.2	6.3	6.7	-0.1	-1.6	-0.5	-7.5
Paper & allied products	24.3	24.2	24.3	0.1	0.4	-0.2	-0.8
Printing & Publishing	56.7	56.6	55.0	0.1	0.2	1.7	3.1
Chemicals	17.2	17.1	17.3	0.1	0.6	-0.1	-0.6
Rubber & miscellaneous Plastic products	27.8	27.6	28.7	0.2	0.7	-0.9	-3.1
Miscellaneous Plastic products	21.3	21.2	22.0	0.1	0.5	-0.7	-3.2
Leather & Leather products	8.5	8.5	8.9	0.0	****	-0.4	-4.5
Footwear, except rubber	4.2	4.1	4.4	0.1	2.4	-0.2	-4.5
Mining	2.0	2.0	1.9	0.0	****	0.1	5.3
Construction	162.0	164.4	147.1	-2.4	-1.5	14.9	10.1
Transportation, Communication & Public Utilities	132.4	129.0	131.9	3.4	2.6	0.5	0.4
Wholesale & Retail trade	735.1	738.6	721.9	-3.5	-0.5	13.2	1.8
Wholesale Trade	175.3	175.6	170.4	-0.3	-0.2	4.9	2.9
Retail Trade	559.8	563.0	551.5	-3.2	-0.6	8.3	1.5
Finance, Insurance & Real Estate	230.2	233.2	220.4	-3.0	-1.3	9.8	4.4
Banking	64.7	65.8	64.7	-1.1	-1.7	0.0	****
Services	892.8	890.0	851.2	2.8	0.3	41.6	4.9
Health Services	252.2	251.6	243.4	0.6	0.2	8.8	3.6
Educational Services	110.1	99.3	109.1	10.8	10.9	1.0	0.9
Government	395.7	388.7	392.1	7.0	1.8	3.6	0.9
Federal	61.8	62.3	61.3	-0.5	-0.8	0.5	0.8
U.S. Postal Service	27.9	28.1	26.4	-0.2	-0.7	1.5	5.7
State	102.6	102.7	100.5	-0.1	-0.1	2.1	2.1
Educational services	26.7	25.4	27.2	1.3	5.1	-0.5	-1.8
Local	231.3	223.7	230.3	7.6	3.4	1.0	0.4
Educational services	127.2	113.5	125.8	13.7	12.1	1.4	1.1
Other Local	104.1	110.2	104.5	-6.1	-5.5	-0.4	-0.4
* High Technology Manufacturing	234.0	235.1	239.0	-1.1	-0.5	-5.0	-2.1
* High Technology Nonmanufacturing	90.2	90.9	86.4	-0.7	-0.8	3.8	4.4

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1743.6	1725.7	1715.7	17.9	1.0	27.9	1.6
Manufacturing	273.2	273.5	280.0	-0.3	-0.1	-6.8	-2.4
Durable Goods	193.4	193.8	199.2	-0.4	-0.2	-5.8	-2.9
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	15.5	15.3	16.0	0.2	1.3	-0.5	-3.1
Machinery, except electrical	46.3	46.7	48.1	-0.4	-0.9	-1.8	-3.7
Electrical & Electronic machinery,equip.,etc.	58.5	58.6	59.3	-0.1	-0.2	-0.8	-1.3
Transportation equipment	19.6	19.7	21.8	-0.1	-0.5	-2.2	-10.1
Instruments	39.0	39.0	39.4	0.0	****	-0.4	-1.0
Nondurable Goods	79.8	79.7	80.8	0.1	0.1	-1.0	-1.2
Food & kindred products	11.6	11.5	11.8	0.1	0.9	-0.2	-1.7
Textile mill products	2.4	2.4	2.5	0.0	****	-0.1	-4.0
Apparel	6.3	6.3	6.8	0.0	****	-0.5	-7.4
Paper & allied products	6.7	6.8	7.2	-0.1	-1.5	-0.5	-6.9
Printing & Publishing	33.8	33.7	32.9	0.1	0.3	0.9	2.7
Chemicals	8.1	8.2	8.0	-0.1	-1.2	0.1	1.3
Rubber & miscellaneous Plastic products	7.8	7.9	8.4	-0.1	-1.3	-0.6	-7.1
Leather & Leather products	2.3	2.2	2.4	0.1	4.5	-0.1	-4.2
Mining	1.1	1.1	0.9	0.0	****	0.2	22.2
Construction	78.6	79.1	73.1	-0.5	-0.6	5.5	7.5
Transportation, Communication & Public Utilities	76.3	75.0	75.4	1.3	1.7	0.9	1.2
Wholesale & Retail trade	385.8	384.5	381.3	1.3	0.3	4.5	1.2
Finance, Insurance & Real Estate	155.9	157.3	152.1	-1.4	-0.9	3.8	2.5
Banking	44.2	44.8	43.7	-0.6	-1.3	0.5	1.1
Insurance	36.3	36.7	36.5	-0.4	-1.1	-0.2	-0.5
Services	565.9	560.7	547.5	5.2	0.9	18.4	3.4
Health Services	141.6	141.6	138.7	0.0	****	2.9	2.1
Educational Services	79.0	71.5	79.6	7.5	10.5	-0.6	-0.8
Government	206.8	194.5	205.4	12.3	6.3	1.4	0.7
Federal	37.9	38.2	38.4	-0.3	-0.8	-0.5	-1.3
U.S. Postal Service	15.4	15.4	14.9	0.0	****	0.5	3.4
Federal Hospitals	4.9	4.9	5.1	0.0	****	-0.2	-3.9
State	50.9	52.6	48.9	-1.7	-3.2	2.0	4.1
State Hospitals	5.1	5.0	4.8	0.1	2.0	0.3	6.3
Educational services	8.7	8.6	8.4	0.1	1.2	0.3	3.6
Local	118.0	103.7	118.1	14.3	13.8	-0.1	-0.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.0	237.5	238.2	2.5	1.1	1.8	0.8
Manufacturing	50.6	50.5	50.8	0.1	0.2	-0.2	-0.4
Durable Goods	26.1	25.9	26.1	0.2	0.8	0.0	****
Fabricated Metals	7.1	7.2	7.0	-0.1	-1.4	0.1	1.4
Machinery, except electrical	6.6	6.4	6.4	0.2	3.1	0.2	3.1
Nondurable Goods	24.5	24.6	24.7	-0.1	-0.4	-0.2	-0.8
Textile mill products	1.5	1.5	1.5	0.0	****	0.0	****
Apparel	0.8	0.8	1.0	0.0	****	-0.2	-20.0
Paper & allied products	7.9	7.9	7.6	0.0	****	0.3	3.9
Printing & Publishing	6.1	6.2	6.2	-0.1	-1.6	-0.1	-1.6
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Construction	11.1	11.2	10.7	-0.1	-0.9	0.4	3.7
Transportation, Communication & Public Utilities	10.1	9.6	9.7	0.5	5.2	0.4	4.1
Wholesale & Retail trade	58.1	57.5	56.9	0.6	1.0	1.2	2.1
Finance, Insurance & Real Estate	16.7	16.8	16.4	-0.1	-0.6	0.3	1.8
Services	57.8	57.3	56.6	0.5	0.9	1.2	2.1
Government	35.5	34.5	36.9	1.0	2.9	-1.4	-3.8
Federal	6.2	6.3	6.1	-0.1	-1.6	0.1	1.6
State	8.5	8.2	8.3	0.3	3.7	0.2	2.4
Local	20.8	20.0	22.5	0.8	4.0	-1.7	-7.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	208.2	205.0	200.0	3.2	1.6	8.2	4.1
Manufacturing	46.0	45.8	46.1	0.2	0.4	-0.1	-0.2
Durable Goods	30.9	30.7	30.6	0.2	0.7	0.3	1.0
Primary Metals	2.2	2.1	2.1	0.1	4.8	0.1	4.8
Fabricated Metals	7.0	6.9	6.7	0.1	1.4	0.3	4.5
Machinery, except electrical	9.8	9.9	10.1	-0.1	-1.0	-0.3	-3.0
Nondurable Goods	15.1	15.1	15.5	0.0	****	-0.4	-2.6
Textile mill products	2.6	2.6	2.8	0.0	****	-0.2	-7.1
Leather & Leather products	0.5	0.5	0.7	0.0	****	-0.2	-28.6
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.1	11.3	9.9	-0.2	-1.8	1.2	12.1
Transportation, Communication & Public Utilities	8.6	8.4	8.9	0.2	2.4	-0.3	-3.4
Wholesale & Retail trade	48.4	47.8	47.5	0.6	1.3	0.9	1.9
Finance, Insurance & Real Estate	15.1	15.5	14.3	-0.4	-2.6	0.8	5.6
Services	53.5	52.3	48.8	1.2	2.3	4.7	9.6
Government	25.3	23.7	24.4	1.6	6.8	0.9	3.7

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.3	74.2	72.6	1.1	1.5	2.7	3.7
Manufacturing	11.4	11.5	11.3	-0.1	-0.9	0.1	0.9
Durable Goods	6.3	6.4	6.1	-0.1	-1.6	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.3	0.0	****	0.0	****
Nondurable Goods	5.1	5.1	5.2	0.0	****	-0.1	-1.9
Construction	4.6	4.6	4.1	0.0	****	0.5	12.2
Transportation, Communication & Public Utilities	5.3	4.9	5.2	0.4	8.2	0.1	1.9
Wholesale & Retail trade	23.5	23.3	21.9	0.2	0.9	1.6	7.3
Finance, Insurance & Real Estate	3.2	3.3	3.2	-0.1	-3.0	0.0	****
Services	15.8	15.7	15.3	0.1	0.6	0.5	3.3
Government	11.5	10.9	11.6	0.6	5.5	-0.1	-0.9
Federal	3.1	3.2	3.0	-0.1	-3.1	0.1	3.3
State	2.6	2.5	2.5	0.1	4.0	0.1	4.0
Local	5.8	5.2	6.1	0.6	11.5	-0.3	-4.9
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.6	162.7	162.7	1.9	1.2	1.9	1.2
Manufacturing	49.5	49.3	51.0	0.2	0.4	-1.5	-2.9
Durable Goods	35.8	35.8	37.2	0.0	****	-1.4	-3.8
Nondurable Goods	13.7	13.5	13.8	0.2	1.5	-0.1	-0.7
Leather & Leather products	1.8	1.9	1.8	-0.1	-5.3	0.0	****
Construction	8.9	9.1	8.6	-0.2	-2.2	0.3	3.5
Transportation, Communication & Public Utilities	6.7	6.2	7.0	0.5	8.1	-0.3	-4.3
Wholesale & Retail trade	38.2	38.2	36.4	0.0	****	1.8	4.9
Finance, Insurance & Real Estate	6.6	6.6	6.4	0.0	****	0.2	3.1
Services	34.6	35.1	33.2	-0.5	-1.4	1.4	4.2
Government	20.1	18.2	20.1	1.9	10.4	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	43.3	43.8	42.9	-0.5	-1.1	0.4	0.9
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.7	10.8	11.8	-0.1	-0.9	-1.1	-9.3
Machinery	6.1	6.1	7.1	0.0	****	-1.0	-14.1
All other manufacturing	4.6	4.7	4.7	-0.1	-2.1	-0.1	-2.1
Construction	3.0	3.1	2.6	-0.1	-3.2	0.4	15.4
Transportation, Communication & Public Utilities	1.1	1.1	1.1	0.0	****	0.0	****
Wholesale & Retail trade	10.2	10.3	9.7	-0.1	-1.0	0.5	5.2
Finance, Insurance & Real Estate	2.2	2.2	2.1	0.0	****	0.1	4.8
Services	11.0	11.4	10.5	-0.4	-3.5	0.5	4.8
Government	5.0	4.8	5.0	0.2	4.2	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.8	68.6	67.4	0.2	0.3	1.4	2.1
Manufacturing	18.5	18.6	19.4	-0.1	-0.5	-0.9	-4.6
Durable Goods	7.9	8.0	8.1	-0.1	-1.3	-0.2	-2.5
Primary & Fabricated Metals	2.3	2.3	2.7	0.0	****	-0.4	-14.8
Nondurable Goods	10.6	10.6	11.3	0.0	****	-0.7	-6.2
Apparel	5.5	5.5	5.8	0.0	****	-0.3	-5.2
Construction	3.8	3.8	3.4	0.0	****	0.4	11.8
Transportation, Communication & Public Utilities	3.0	3.0	2.9	0.0	****	0.1	3.4
Wholesale & Retail trade	17.2	17.2	16.5	0.0	****	0.7	4.2
Finance, Insurance & Real Estate	2.7	2.7	2.5	0.0	****	0.2	8.0
Services	13.7	13.8	13.0	-0.1	-0.7	0.7	5.4
Government	9.9	9.5	9.7	0.4	4.2	0.2	2.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.5	56.8	56.0	0.7	1.2	1.5	2.7
Manufacturing	16.1	16.2	17.1	-0.1	-0.6	-1.0	-5.8
Textile mill products	4.0	4.0	4.4	0.0	****	-0.4	-9.1
All other manufacturing	12.1	12.2	12.7	-0.1	-0.8	-0.6	-4.7
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	1.9	1.8	1.8	0.1	5.6	0.1	5.6
Wholesale & Retail trade	16.1	16.0	15.1	0.1	0.6	1.0	6.6
Finance, Insurance & Real Estate	3.2	3.2	2.9	0.0	****	0.3	10.3
Services	10.8	10.8	10.1	0.0	****	0.7	6.9
Government	6.4	5.8	6.4	0.6	10.3	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MONTH		YEAR AGO	
	SEPT 1988	AUG 1988	SEPT 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.4	39.1	40.0	1.3	3.3	0.4	1.0
Manufacturing	11.4	11.2	11.7	0.2	1.8	-0.3	-2.6
Durable Goods	4.7	4.6	4.6	0.1	2.2	0.1	2.2
Machinery, except electrical	3.0	2.9	2.9	0.1	3.4	0.1	3.4
Nondurable Goods	6.7	6.6	7.1	0.1	1.5	-0.4	-5.6
Rubber & miscellaneous Plastic products	3.4	3.3	3.8	0.1	3.0	-0.4	-10.5
Construction	3.0	3.1	2.7	-0.1	-3.2	0.3	11.1
Transportation, Communication & Public Utilities	1.6	1.5	1.6	0.1	6.7	0.0	****
Wholesale & Retail trade	10.2	9.9	10.1	0.3	3.0	0.1	1.0
Finance, Insurance & Real Estate	2.0	2.0	1.8	0.0	****	0.2	11.1
Services	8.2	8.1	8.0	0.1	1.2	0.2	2.5
Government	4.0	3.3	4.1	0.7	21.2	-0.1	-2.4
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	106.4	105.3	104.9	1.1	1.0	1.5	1.4
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	35.3	35.5	35.7	-0.2	-0.6	-0.4	-1.1
Construction	6.6	6.7	5.8	-0.1	-1.5	0.8	13.8
Transportation, Communication & Public Utilities	3.3	3.2	3.6	0.1	3.1	-0.3	-8.3
Wholesale & Retail trade	22.6	22.4	22.1	0.2	0.9	0.5	2.3
Finance, Insurance & Real Estate	4.3	4.3	4.3	0.0	****	0.0	****
Services	20.7	20.5	20.3	0.2	1.0	0.4	2.0
Government	13.5	12.6	12.9	0.9	7.1	0.6	4.7
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	116.3	114.6	112.1	1.7	1.5	4.2	3.7
Manufacturing	21.3	21.3	21.8	0.0	****	-0.5	-2.3
Durable Goods	14.6	14.7	15.0	-0.1	-0.7	-0.4	-2.7
Nondurable Goods	6.7	6.6	6.8	0.1	1.5	-0.1	-1.5
Construction	5.7	5.8	5.2	-0.1	-1.7	0.5	9.6
Transportation, Communication & Public Utilities	4.0	3.8	3.8	0.2	5.3	0.2	5.3
Wholesale & Retail trade	34.8	34.1	33.3	0.7	2.1	1.5	4.5
Finance, Insurance & Real Estate	6.4	6.5	5.5	-0.1	-1.5	0.9	16.4
Services	28.9	28.8	27.5	0.1	0.3	1.4	5.1
Government	15.1	14.0	14.9	1.1	7.9	0.2	1.3

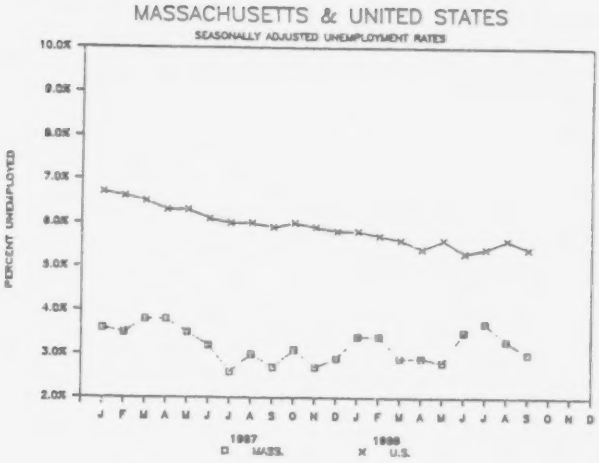
NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
UNITED STATES	41.3	40.8	40.8	$10.25	$10.11	$9.99
MASSACHUSETTS	41.6	41.1	40.8	10.38	$10.21	9.97
BOSTON	41.6	41.4	40.4	11.09	10.94	10.84
BROCKTON	40.6	39.7	40.6	8.50	8.48	8.16
FALL RIVER	36.9	36.3	37.7	7.79	7.76	7.57
LAWRENCE-HAVERHILL	39.4	41.0	41.0	9.70	9.87	9.78
LOWELL	41.3	41.1	42.3	10.16	10.18	10.16
NEW BEDFORD	37.9	37.3	37.2	8.71	8.54	8.45
SPRINGFIELD	42.9	42.7	42.1	9.94	9.80	9.31
WORCESTER	40.6	40.1	40.5	10.49	10.39	10.05

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
MANUFACTURING	41.6	41.1	40.8	10.38	10.21	9.97
DURABLE GOODS	42.1	41.4	41.8	10.78	10.60	10.45
LUMBER & FURNITURE	39.9	39.8	39.9	8.26	8.00	7.60
STONE, CLAY & GLASS	41.5	41.3	39.9	12.83	12.59	12.32
PRIMARY METALS	42.3	40.7	41.9	9.96	9.83	9.58
FABRICATED METALS	41.9	41.0	40.1	10.72	10.56	10.31
CUTLERY, ETC.	45.4	44.3	42.0	11.28	11.16	11.18
MACHINERY, EX. ELEC.	43.2	42.4	41.9	11.07	10.84	10.81
METALWORKING MACH.	44.1	42.8	43.4	11.34	11.32	11.18
SPECIAL INDU. MACH.	43.6	43.2	42.2	12.07	11.91	11.90
ELEC. & ELECTRON. MACH.	41.0	40.6	42.4	10.25	10.25	9.77
COMMUNICATIONS EQUIP.	40.7	39.7	43.2	10.64	10.80	10.21
ELECTRONIC COMP.	41.4	41.8	43.5	10.23	10.14	9.93
TRANSPORTATION EQUIP.	42.0	41.6	43.8	13.04	12.78	13.19
INSTRUMENTS	43.0	41.8	41.8	11.29	10.86	11.17
MEAS. & CONTROL DEVICES	46.4	44.6	42.7	8.76	8.60	8.43
MISC. MANUFAC. IND.	42.8	42.6	42.2	9.19	9.17	8.91
JEWELRY	41.2	40.7	40.6	8.22	8.11	7.63
NONDURABLE GOODS	40.8	40.7	39.3	9.76	9.62	9.16
FOOD & KINDRED PROD.	40.0	40.3	40.4	10.31	10.23	9.86
TEXTILE MILL PROD.	41.8	42.3	41.4	8.91	8.75	8.24
APPAREL	40.6	39.8	38.9	6.86	6.69	6.46
MENS & BOYS SUITS	39.9	38.5	39.8	7.45	7.19	7.34
PAPER & ALLIED PRODUCTS	43.5	43.7	43.7	10.47	10.30	9.72
PRINTING & PUBLISHING	38.0	37.8	36.4	10.69	10.46	10.38
CHEMICALS	42.6	42.0	41.9	12.23	12.19	11.54
RUBBER & PLASTIC PROD.	43.2	43.0	39.1	9.65	9.63	8.81
MISC. PLAS. PROD.	42.0	41.8	38.6	9.55	9.58	8.37
LEATHER & LEATHER PROD.	37.0	37.0	35.3	7.66	7.67	7.38
FOOTWEAR, EX. RUBBER	37.2	37.8	34.6	6.85	6.79	6.49



(continued from page 1)

jobs to return to school, levels of both employed and unemployed dropped as well.

- In September Massachusetts once again regained the one ranking, with the lowest unemployment rate among the eleven major industrial states, after being in second place a month earlier. The national rate fell to a seasonally adjusted rate of 5.3 percent in September from 5.5 percent in August.

- The four major labor areas having the lowest unemployment rates were: the Worcester MSA at 2.6 percent, the Boston PMSA at 2.7 percent, the Salem-Gloucester PMSA at 2.8 percent, and the Springfield MSA at 3.0 percent. With the exception of Boston, all of these labor areas experienced declines in unemploymnet levels from August.

- For the major areas, the highest unemployment rates were registered by the Pittsfield MSA (4.7 percent), the Fall River PMSA (4.3 percent), and the Lawrence-Haverhill PMSA (4.2 percent).

- In the smaller areas, the island county of Nantucket had the lowest unemployment rate at 1.1 percent, followed by the Great Barrington LMA at 2.7 percent, and the Greenfield LMA at 2.8 percent. The higher levels of unemployment continued to occur in the northern areas of the state: the Athol LMA at 5.1 percent and the Gardner LMA at 4.5 percent.

QUARTERLY EMPLOYMENT DISPLAYS EXPANSION

The availability of data for September permits a review of the state's employment picture for the third quarter of 1988. The following table presents a comparison of statewide employment averages for the major industry divisions for the third quarters of 1987 and 1988.

AVERAGE QUARTERLY EMPLOYMENT
MASSACHUSETTS
THIRD QUARTER 1988 AND 1987

	1987	1988	Net Chg.	% Chg.
Total	3,054.9	3,124.4	69.5	2.3
Man.	590.6	577.2	-13.4	-2.3
Cons.	147.7	162.9	15.2	10.3
T.P.U.	129.6	130.1	0.5	0.4
Trade	722.9	737.0	14.1	2.0
F.I.R.E.	222.2	232.2	10.0	4.5
Services	850.3	889.9	39.6	4.7
Gov't	389.6	393.1	3.5	0.9

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	September 1988	August 1988	September 1987
United States	5.4	5.6	5.9
Massachusetts	3.0	3.3	2.7
Labor Force	3,144.0	3,119.0	3,074.0
Employed	3,051.0	3,015.0	2,992.0
Unemployed	93.0	104.0	82.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
UNITED STATES			
LABOR FORCE	121,842,000	123,396,000	119,884,000
EMPLOYMENT	115,474,000	116,737,000	113,027,000
UNEMPLOYMENT	6,368,000	6,659,000	6,857,000
PERCENT UNEMPLOYED	5.2	5.4	5.7
MASSACHUSETTS			
LABOR FORCE	3,130,000	3,186,500	3,065,100
EMPLOYMENT	3,035,900	3,087,800	2,980,600
UNEMPLOYMENT	94,100	98,700	84,500
PERCENT UNEMPLOYED	3.0	3.1	2.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,537,140	1,565,300	1,516,670
EMPLOYMENT	1,496,080	1,522,460	1,478,660
UNEMPLOYMENT	41,060	42,840	38,010
PERCENT UNEMPLOYED	2.7	2.7	2.5
BROCKTON PMSA			
LABOR FORCE	99,930	100,740	95,980
EMPLOYMENT	96,480	97,000	92,980
UNEMPLOYMENT	3,450	3,740	3,000
PERCENT UNEMPLOYED	3.5	3.7	3.1
FALL RIVER PMSA			
LABOR FORCE	76,670	76,630	75,210
EMPLOYMENT	73,410	73,110	72,180
UNEMPLOYMENT	3,270	3,520	3,030
PERCENT UNEMPLOYED	4.3	4.6	4.0
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	44,650	44,810	44,980
EMPLOYMENT	42,870	42,840	43,270
UNEMPLOYMENT	1,780	1,980	1,720
PERCENT UNEMPLOYED	4.0	4.4	3.8
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,080	184,920	182,660
EMPLOYMENT	176,290	177,560	175,280
UNEMPLOYMENT	7,790	7,360	7,380
PERCENT UNEMPLOYED	4.2	4.0	4.0
LOWELL PMSA			
LABOR FORCE	149,000	150,880	147,010
EMPLOYMENT	143,810	145,480	142,580
UNEMPLOYMENT	5,190	5,400	4,440
PERCENT UNEMPLOYED	3.5	3.6	3.0
NEW BEDFORD MSA			
LABOR FORCE	86,150	88,790	83,240
EMPLOYMENT	82,700	84,990	80,100
UNEMPLOYMENT	3,450	3,810	3,140
PERCENT UNEMPLOYED	4.0	4.3	3.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
PITTSFIELD MSA			
LABOR FORCE	41,320	42,560	40,520
EMPLOYMENT	39,380	40,730	39,100
UNEMPLOYMENT	1,940	1,830	1,410
PERCENT UNEMPLOYED	4.7	4.3	3.5
SALEM-GLOUCESTER PMSA			
LABOR FORCE	133,820	137,220	130,360
EMPLOYMENT	149,460	132,540	146,310
UNEMPLOYMENT	4,360	4,690	4,050
PERCENT UNEMPLOYED	2.8	3.0	2.7
SPRINGFIELD MSA			
LABOR FORCE	251,120	255,440	248,060
EMPLOYMENT	243,540	247,400	241,330
UNEMPLOYMENT	7,580	8,040	6,740
PERCENT UNEMPLOYED	3.0	3.1	2.7
WORCESTER MSA			
LABOR FORCE	220,170	221,770	212,230
EMPLOYMENT	214,350	215,240	206,890
UNEMPLOYMENT	5,810	6,530	5,340
PERCENT UNEMPLOYED	2.6	2.9	2.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	31,800	30,990	30,130
EMPLOYMENT	30,930	30,210	29,370
UNEMPLOYMENT	860	780	760
PERCENT UNEMPLOYED	2.7	2.5	2.5
ATHOL LMA			
LABOR FORCE	10,250	10,070	10,110
EMPLOYMENT	9,730	9,530	9,700
UNEMPLOYMENT	520	540	410
PERCENT UNEMPLOYED	5.1	5.4	4.1
ATTLEBORO LMA			
LABOR FORCE	49,380	50,420	47,380
EMPLOYMENT	47,330	48,190	45,550
UNEMPLOYMENT	2,050	2,240	1,830
PERCENT UNEMPLOYED	4.1	4.4	3.9
BARNSTABLE LMA			
LABOR FORCE	112,280	121,900	105,370
EMPLOYMENT	108,950	118,490	102,930
UNEMPLOYMENT	3,320	3,410	2,430
PERCENT UNEMPLOYED	3.0	2.8	2.3
DUKES COUNTY LMA			
LABOR FORCE	8,870	11,030	7,520
EMPLOYMENT	8,530	10,930	7,430
UNEMPLOYMENT	340	100	90
PERCENT UNEMPLOYED	3.8	0.9	1.2

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	SEPTEMBER 1988	AUGUST 1988	SEPTEMBER 1987
GARDNER LMA			
LABOR FORCE	15,070	14,650	14,830
EMPLOYMENT	14,400	14,000	14,290
UNEMPLOYMENT	670	650	540
PERCENT UNEMPLOYED	4.5	4.5	3.6
GREAT BARRINGTON LMA			
LABOR FORCE	9,200	9,830	9,330
EMPLOYMENT	8,990	9,630	9,090
UNEMPLOYMENT	210	200	240
PERCENT UNEMPLOYED	2.2	2.0	2.6
GREENFIELD LMA			
LABOR FORCE	27,520	26,370	26,310
EMPLOYMENT	26,750	25,680	25,770
UNEMPLOYMENT	770	690	530
PERCENT UNEMPLOYED	2.8	2.6	2.0
NANTUCKET LMA			
LABOR FORCE	6,840	8,360	6,140
EMPLOYMENT	6,770	8,300	6,110
UNEMPLOYMENT	70	60	30
PERCENT UNEMPLOYED	1.1	0.7	0.4
NORTH ADAMS LMA			
LABOR FORCE	20,680	19,770	19,540
EMPLOYMENT	19,950	18,870	18,920
UNEMPLOYMENT	730	890	620
PERCENT UNEMPLOYED	3.5	4.5	3.2
SOUTHBRIDGE LMA			
LABOR FORCE	13,320	12,980	13,790
EMPLOYMENT	12,860	12,480	13,350
UNEMPLOYMENT	460	500	450
PERCENT UNEMPLOYED	3.5	3.8	3.2
TAUNTON LMA			
LABOR FORCE	27,320	26,760	25,560
EMPLOYMENT	26,360	25,740	24,720
UNEMPLOYMENT	960	1,020	840
PERCENT UNEMPLOYED	3.5	3.8	3.3
WARE LMA			
LABOR FORCE	8,230	8,060	8,290
EMPLOYMENT	7,950	7,740	8,050
UNEMPLOYMENT	280	330	240
PERCENT UNEMPLOYED	3.5	4.1	2.9
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,960	10,330	9,170
EMPLOYMENT	9,690	10,050	8,920
UNEMPLOYMENT	260	290	250
PERCENT UNEMPLOYED	2.6	2.8	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
ABINGTON	7,741	7,486	255	3.3
ACTON	10,032	9,863	169	1.7
ACUSHNET	5,184	5,019	165	3.2
ADAMS	5,374	5,176	198	3.7
AGAWAM	14,325	13,967	358	2.5
ALFORD	233	229	4	1.7
AMESBURY	7,262	6,991	271	3.7
AMHERST	20,094	19,606	488	2.4
ANDOVER	13,741	13,453	288	2.1
ARLINGTON	26,229	25,666	563	2.1
ASHBURNHAM	2,286	2,212	74	3.2
ASHBY	1,196	1,168	28	2.3
ASHFIELD	933	909	24	2.6
ASHLAND	7,006	6,869	137	2.0
ATHOL	4,446	4,231	215	4.8
ATTLEBORO	18,608	17,759	849	4.6
AUBURN	8,592	8,431	161	1.9
AVON	2,919	2,825	94	3.2
AYER	3,548	3,391	157	4.4
BARNSTABLE	23,282	22,231	1,051	4.5
BARRE	2,300	2,252	48	2.1
BECKET	830	799	31	3.7
BEDFORD	6,803	6,650	153	2.2
BELCHERTOWN	4,757	4,648	109	2.3
BELLINGHAM	7,458	7,239	219	2.9
BELMONT	13,966	13,737	229	1.6
BERKLEY	1,806	1,732	74	4.1
BERLIN	1,273	1,239	34	2.7
BERNARDSTON	1,050	1,023	27	2.6
BEVERLY	23,375	22,051	324	2.3
BILLERICA	22,429	21,767	662	3.0
BLACKSTONE	3,424	3,246	178	5.2
BLANDFORD	633	624	9	1.4
BOLTON	1,638	1,607	31	1.9
BOSTON	297,923	288,168	9,755	3.3
BOURNE	8,475	8,216	259	3.1
BOXBOROUGH	2,055	2,009	46	2.2
BOXFORD	3,010	2,955	55	1.8
BOYLSTON	2,139	2,100	39	1.8
BRAINTREE	19,100	18,567	533	2.8
BREWSTER	3,880	3,795	85	2.2
BRIDGEWATER	9,551	9,319	232	2.4
BRIMFIELD	1,221	1,188	33	2.7
BROCKTON	49,346	47,268	2,078	4.2
BROOKFIELD	1,489	1,459	30	2.0
BROOKLINE	32,049	31,425	624	1.9
BUCKLAND	1,048	1,028	20	1.9
BURLINGTON	13,616	13,291	325	2.4
CAMBRIDGE	53,831	52,543	1,308	2.4
CANTON	10,180	9,977	203	2.0
CARLISLE	2,215	2,187	28	1.3
CARVER	4,566	4,425	141	3.1
CHARLEMONT	676	660	16	2.4
CHARLTON	4,183	4,084	99	2.4
CHATHAM	3,597	3,549	48	1.3
CHELMSFORD	29,234	18,717	517	2.7
CHELSEA	11,537	10,987	550	4.8
CHESHIRE	1,710	1,651	59	3.5
CHESTER	603	579	24	4.0
CHESTERFIELD	670	657	13	1.9
CHICOPEE	28,838	27,929	909	3.2
CHILMARK	534	503	31	5.8
CLARKSBURG	1,021	1,003	18	1.8
CLINTON	6,809	6,573	236	3.5
COHASSET	3,837	3,735	102	2.7
COLRAIN	920	892	28	3.0
CONCORD	9,124	8,988	136	1.5
CONWAY	867	844	23	2.7
CUMMINGTON	446	434	12	2.7
DALTON	3,348	3,227	121	3.6
DANVERS	14,695	14,406	289	2.0
DARTMOUTH	13,853	13,438	415	3.0
DEDHAM	13,358	13,130	228	1.7
DEERFIELD	2,997	2,926	71	2.4
DENNIS	7,766	7,568	198	2.5
DIGHTON	2,736	2,661	75	2.7
DOUGLAS	2,371	2,305	66	2.8
DOVER	2,430	2,397	33	1.4
DRACUT	14,897	14,359	538	3.6
DUDLEY	5,024	4,901	123	2.4
DUNSTABLE	1,207	1,193	14	1.2
DUXBURY	6,706	6,570	136	2.0
EAST BRIDGEWATER	5,465	5,303	162	3.0
EAST BROOKFIELD	960	939	21	2.2
EAST LONGMEADOW	6,319	6,197	122	1.9
EASTHAM	2,647	2,578	69	2.6
EASTHAMPTON	8,705	8,503	202	2.3
EASTON	11,054	10,809	245	2.2
EDGARTOWN	2,439	2,382	57	2.3
EGREMONT	820	808	12	1.5
ERVING	569	554	15	2.6
ESSEX	1,744	1,699	45	2.6
EVERETT	18,676	17,970	706	3.8
FAIRHAVEN	8,000	7,739	261	3.3
FALL RIVER	42,892	40,703	2,189	5.1
FALMOUTH	15,737	15,321	416	2.6
FITCHBURG	17,739	16,931	808	4.6
FLORIDA	388	365	23	5.9
FOXBOROUGH	8,003	7,876	127	1.6
FRAMINGHAM	38,930	38,054	876	2.3
FRANKLIN	10,012	9,752	260	2.6
FREETOWN	4,265	4,135	130	3.0
GARDNER	8,357	7,996	361	4.3
GAY HEAD	159	144	15	9.4
GEORGETOWN	3,058	2,976	82	2.7
GILL	790	776	14	1.8
GLOUCESTER	16,034	15,010	1,024	6.4
GOSHEN	458	457	1	0.2
GOSNOLD	42	42	0	0.0
GRAFTON	6,901	6,770	131	1.9
GRANBY	2,830	2,738	92	3.3
GRANVILLE	769	745	24	3.1
GREAT BARRINGTON	3,976	3,875	101	2.5
GREENFIELD	10,054	9,743	311	3.1
GROTON	3,845	3,782	63	1.6
GROVELAND	2,669	2,605	64	2.4
HADLEY	3,082	2,980	102	3.3
HALIFAX	2,971	2,895	76	2.6
HAMILTON	4,208	4,145	63	1.5
HAMPDEN	2,230	2,191	39	1.7
HANCOCK	346	343	3	0.9
HANOVER	6,024	5,901	123	2.0
HANSON	4,362	4,241	121	2.8
HARDWICK	888	873	15	1.7
HARVARD	3,415	3,369	46	1.3
HARWICH	5,338	5,219	119	2.2
HATFIELD	2,203	2,143	60	2.7
HAVERHILL	23,334	22,326	1,008	4.3
HAWLEY	201	195	6	3.0
HEATH	314	309	5	1.6
HINGHAM	10,070	9,856	214	2.1
HINSDALE	855	817	38	4.4
HOLBROOK	6,088	5,933	155	2.5
HOLDEN	7,681	7,569	112	1.5
HOLLAND	782	766	16	2.0
HOLLISTON	7,427	7,265	162	2.2
HOLYOKE	17,827	17,074	753	4.2
HOPEDALE	2,048	1,984	64	3.1
HOPKINTON	4,892	4,810	82	1.7
HUBBARDSTON	892	853	39	4.4
HUDSON	10,437	10,174	263	2.5
HULL	4,672	4,470	202	4.3
HUNTINGTON	908	879	29	3.2
IPSWICH	6,919	6,773	146	2.1
KINGSTON	4,195	4,099	96	2.3
LAKEVILLE	3,563	3,516	47	1.3
LANCASTER	3,160	3,103	57	1.8
LANESBOROUGH	1,641	1,578	63	3.8
LAWRENCE	28,897	27,013	1,884	6.5
LEE	3,015	2,897	118	3.9
LEICESTER	5,249	5,145	104	2.0
LENOX	3,383	3,303	80	2.4
LEOMINSTER	16,493	15,879	614	3.7
LEVERETT	1,147	1,124	23	2.0
LEXINGTON	16,641	16,352	289	1.7
LEYDEN	379	370	9	2.4
LINCOLN	3,474	3,433	41	1.2
LITTLETON	4,081	4,010	71	1.7
LONGMEADOW	7,728	7,600	128	1.7
LOWELL	52,216	49,962	2,254	4.3
LUDLOW	10,234	9,996	238	2.3
LUNENBURG	4,299	4,135	164	3.8
LYNN	39,783	38,109	1,674	4.2
LYNNFIELD	6,085	5,969	116	1.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	28,743	27,729	1,014	3.5
MANCHESTER	2,936	2,889	47	1.6
MANSFIELD	8,175	8,077	98	1.2
MARBLEHEAD	11,792	11,579	213	1.8
MARION	2,047	1,981	66	3.2
MARLBOROUGH	18,707	18,183	524	2.8
MARSHFIELD	11,734	11,376	358	3.1
MASHPEE	3,926	3,838	88	2.2
MATTAPOISETT	3,205	3,126	79	2.5
MAYNARD	5,672	5,549	123	2.2
MEDFIELD	5,536	5,444	92	1.7
MEDFORD	30,651	29,811	840	2.7
MEDWAY	5,096	4,969	127	2.5
MELROSE	15,705	15,344	361	2.3
MENDON	1,882	1,830	52	2.8
MERRIMAC	2,419	2,335	84	3.5
METHUEN	21,155	20,448	707	3.3
MIDDLEBOROUGH	8,074	7,837	237	2.9
MIDDLEFIELD	203	202	1	0.5
MIDDLETON	2,982	2,920	62	2.1
MILFORD	13,269	12,780	489	3.7
MILLBURY	6,381	6,228	153	2.4
MILLIS	3,952	3,871	81	2.0
MILLVILLE	981	919	62	6.3
MILTON	12,958	12,707	251	1.9
MONROE	65	62	3	4.6
MONSON	3,571	3,490	81	2.3
MONTAGUE	4,553	4,413	140	3.1
MONTEREY	604	594	10	1.7
MONTGOMERY	304	303	1	0.3
MOUNT WASHINGTON	76	75	1	1.3
NAHANT	2,184	2,134	50	2.3
NANTUCKET	6,839	6,766	73	1.1
NATICK	17,962	17,601	361	2.0
NEEDHAM	15,137	14,895	242	1.6
NEW ASHFORD	103	103	0	0.0
NEW BEDFORD	47,606	45,304	2,302	4.8
NEW BRAINTREE	304	298	6	2.0
NEW MARLBOROUGH	754	744	10	1.3
NEW SALEM	478	377	101	21.1
NEWBURY	2,618	2,561	57	2.2
NEWBURYPORT	8,764	8,446	318	3.6
NEWTON	47,620	46,844	776	1.6
NORFOLK	3,611	3,538	73	2.0
NORTH ADAMS	8,719	8,304	415	4.8
NORTH ANDOVER	11,269	10,946	323	2.9
NORTH ATTLEBOROUGH	12,308	11,865	443	3.6
NORTH BROOKFIELD	2,191	2,140	51	2.3
NORTH READING	6,822	6,696	126	1.8
NORTHAMPTON	14,256	13,932	324	2.3
NORTHBOROUGH	6,454	6,336	118	1.8
NORTHBRIDGE	6,675	6,499	176	2.6
NORTHFIELD	1,424	1,392	32	2.2
NORTON	7,481	7,307	174	2.3
NORWELL	4,839	4,728	111	2.3
NORWOOD	16,697	16,244	453	2.7
OAK BLUFFS	1,645	1,562	83	5.0
OAKHAM	513	505	8	1.6
ORANGE	2,799	2,670	129	4.6
ORLEANS	3,385	3,334	51	1.5
OTIS	508	488	20	3.9
OXFORD	6,526	6,332	194	3.0
PALMER	8,202	8,028	174	2.8
PAXTON	2,219	2,190	29	1.3
PEABODY	28,062	27,258	804	2.9
PELHAM	962	933	29	3.0
PEMBROKE	7,334	7,166	168	2.3
PEPPERELL	5,236	5,130	106	2.0
PERU	438	426	12	2.7
PETERSHAM	439	431	8	1.8
PHILLIPSTON	470	455	15	3.2
PITTSFIELD	25,188	23,776	1,412	5.6
PLAINFIELD	239	223	16	6.7
PLAINVILLE	3,321	3,067	254	7.6
PLYMOUTH	19,131	18,263	868	4.5
PLYMPTON	1,118	1,092	26	2.3
PRINCETON	1,714	1,677	37	2.2
PROVINCETOWN	2,437	2,334	103	4.2
QUINCY	46,351	44,902	1,449	3.1
RANDOLPH	16,339	15,849	490	3.0
RAYNHAM	5,111	4,986	125	2.4
READING	13,013	12,722	291	2.2
REHOBOTH	4,237	4,108	129	3.0
REVERE	22,719	21,886	833	3.7
RICHMOND	867	849	18	2.1
ROCHESTER	1,988	1,954	34	1.7
ROCKLAND	7,773	7,561	212	2.7
ROCKPORT	3,321	3,226	95	2.9
ROWE	190	184	6	3.2
ROWLEY	2,743	2,659	84	3.1
ROYALSTON	436	427	9	2.1
RUSSELL	784	756	28	3.6
RUTLAND	2,464	2,417	47	1.9
SALEM	22,602	21,926	676	3.0
SALISBURY	3,480	3,321	159	4.6
SANDISFIELD	396	389	7	1.8
SANDWICH	7,862	7,710	152	1.9
SAUGUS	14,540	14,080	460	3.2
SAVOY	374	362	12	3.2
SCITUATE	8,994	8,793	201	2.2
SEEKONK	6,498	6,365	133	2.0
SHARON	8,191	8,044	147	1.8
SHEFFIELD	1,569	1,541	28	1.8
SHELBURNE	1,061	1,022	39	3.7
SHERBORN	2,164	2,137	27	1.2
SHIRLEY	2,775	2,707	68	2.5
SHREWSBURY	13,101	12,838	263	2.0
SHUTESBURY	912	897	15	1.6
SOMERSET	9,894	9,586	308	3.1
SOMERVILLE	40,198	39,002	1,196	3.0
SOUTH HADLEY	8,700	8,501	199	2.3
SOUTHAMPTON	2,360	2,313	47	2.0
SOUTHBOROUGH	3,621	3,545	76	2.1
SOUTHBRIDGE	7,350	7,053	297	4.0
SOUTHWICK	4,074	3,984	90	2.2
SPENCER	6,021	5,903	118	2.0
SPRINGFIELD	66,999	64,383	2,616	3.9
STERLING	3,687	3,601	86	2.3
STOCKBRIDGE	1,312	1,286	26	2.0
STONEHAM	12,736	12,451	285	2.2
STOUGHTON	14,934	14,545	389	2.6
STOW	3,129	3,079	50	1.6
STURBRIDGE	3,378	3,276	102	3.0
SUDBURY	7,549	7,438	111	1.5
SUNDERLAND	2,423	2,302	121	5.0
SUTTON	3,401	3,336	65	1.9
SWAMPSCOTT	7,872	7,700	172	2.2
SWANSEA	8,236	7,999	237	2.9
TAUNTON	22,780	21,970	810	3.6
TEMPLETON	2,581	2,459	122	4.7
TEWKSBURY	14,901	14,467	434	2.9
TISBURY	2,956	2,811	145	4.9
TOLLAND	148	148	0	0.0
TOPSFIELD	3,149	3,061	88	2.8
TOWNSEND	4,447	4,366	81	1.8
TRURO	707	698	9	1.3
TYNGSBOROUGH	4,718	4,588	130	2.8
TYRINGHAM	256	252	4	1.6
UPTON	2,306	2,269	37	1.6
UXBRIDGE	4,783	4,645	138	2.9
WAKEFIELD	14,228	13,880	348	2.4
WALES	592	574	18	3.0
WALPOLE	10,882	10,439	443	4.1
WALTHAM	33,493	32,748	745	2.2
WARE	3,725	3,586	139	3.7
WAREHAM	11,093	10,692	401	3.6
WARREN	1,465	1,389	76	5.2
WARWICK	225	219	6	2.7
WASHINGTON	332	320	12	3.6
WATERTOWN	20,023	19,617	406	2.0
WAYLAND	6,973	6,865	108	1.5
WEBSTER	7,872	7,520	352	4.5
WELLESLEY	13,977	13,788	189	1.4
WELLFLEET	1,312	1,282	30	2.3
WENDELL	387	363	24	6.2
WENHAM	2,182	2,154	28	1.3
WEST BOYLSTON	3,383	3,334	49	1.4
WEST BRIDGEWATER	3,510	3,419	91	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

SEPTEMBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,335	1,294	41	3.1
WEST NEWBURY	1,583	1,564	19	1.2
WEST SPRINGFIELD	14,548	14,134	414	2.8
WEST STOCKBRIDGE	768	735	33	4.3
WEST TISBURY	1,094	1,088	6	0.5
WESTBOROUGH	8,007	7,858	149	1.9
WESTFIELD	18,310	17,789	521	2.8
WESTFORD	8,847	8,633	214	2.4
WESTHAMPTON	828	823	5	0.6
WESTMINSTER	2,640	2,548	92	3.5
WESTON	5,722	5,642	80	1.4
WESTPORT	7,041	6,801	240	3.4
WESTWOOD	6,921	6,811	110	1.6
WEYMOUTH	30,459	29,600	859	2.8
WHATELY	972	949	23	2.4
WHITMAN	7,376	7,160	216	2.9
WILBRAHAM	6,316	6,207	109	1.7
WILLIAMSBURG	1,580	1,525	55	3.5
WILLIAMSTOWN	4,358	4,295	63	1.4
WILMINGTON	9,423	9,140	283	3.0
WINCHENDON	3,241	3,093	148	4.6
WINCHESTER	10,893	10,700	193	1.8
WINDSOR	362	354	8	2.2
WINTHROP	10,747	10,434	313	2.9
WOBURN	22,155	21,564	591	2.7
WORCESTER	81,597	78,975	2,622	3.2
WORTHINGTON	651	638	13	2.0
WRENTHAM	3,878	3,787	91	2.3
YARMOUTH	10,833	10,588	245	2.3

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	SEPT 88	AUG 88	SEPT 87	SEPT 88	AUG 88	SEPT 87
MASSACHUSETTS	4,075	4,686	3,807	42,260	49,249	39,286
MAJOR LABOR AREAS						
BOSTON PMSA	1,577	1,697	1,734	19,071	23,244	17,695
BROCKTON PMSA	126	146	120	1,432	1,904	1,296
FALL RIVER PMSA[3]	283	358	276	1,708	2,098	1,561
FITCHBURG-LEOMINSTER MSA	58	99	100	797	1,009	772
LAWRENCE-HAVERHILL PMSA[4]	355	288	233	2,529	2,989	3,029
LOWELL PMSA[4]	184	206	148	2,016	2,614	1,686
NEW BEDFORD MSA	208	339	302	1,713	2,144	1,469
PITTSFIELD MSA	77	93	101	1,019	1,045	754
SPRINFIELD MSA	222	254	256	2,034	2,533	1,838
SALEM-GLOUCESTER PMSA	380	428	366	3,296	4,127	2,933
WORCESTER MSA	211	303	246	2,548	3,452	2,285
OTHER LABOR AREAS						
AMHERST LMA	15	11	17	121	149	83
ATHOL LMA	25	26	25	221	272	188
BARNSTABLE COUNTY LMA	157	126	107	1,259	1,522	973
BALANCE OF WESTERN MA EA	8	8	11	69	111	84
DUKES COUNTY LMA	5	1	1	21	14	24
GARDNER LMA	37	35	25	283	308	241
GREAT BARRINGTON LMA	2	4	20	66	101	74
GREENFIELD LMA	44	27	28	289	364	196
NANTUCKET LMA	4	3	1	13	11	3
NORTH ADAMS LMA	51	102	32	338	485	301
SOUTHBRIDGE LMA	20	25	22	171	237	179
TAUNTON LMA	82	92	58	416	565	378
WARE LMA	16	29	12	118	175	127

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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